Sunil Budhdeo
Transport Innovation Manager

Innovation in Traffic Management

WEST MIDLANDS
COMBINED AUTHORITY

Coventry City Council

Projects Coventry Are Currently Involved In

- **Multi Modal Transport and Ticketing**
  HoPE - (Holistic Personal Public Eco-Mobility) Working in Conjunction With WMCA

- **Driverless Cars**
  UK Autodrive - Connected Vehicles and Autonomous Cars.
  UK CITE

- **Intelligent Route and Speed Guidance System**
  iVMS/Dynamic Routing - Using in car and on street VMS signs.

- **Intelligent Guidance to Parking and Disabled Bays**
  AppyParking

- **Integrated Transport App assisting people with disabilities.**
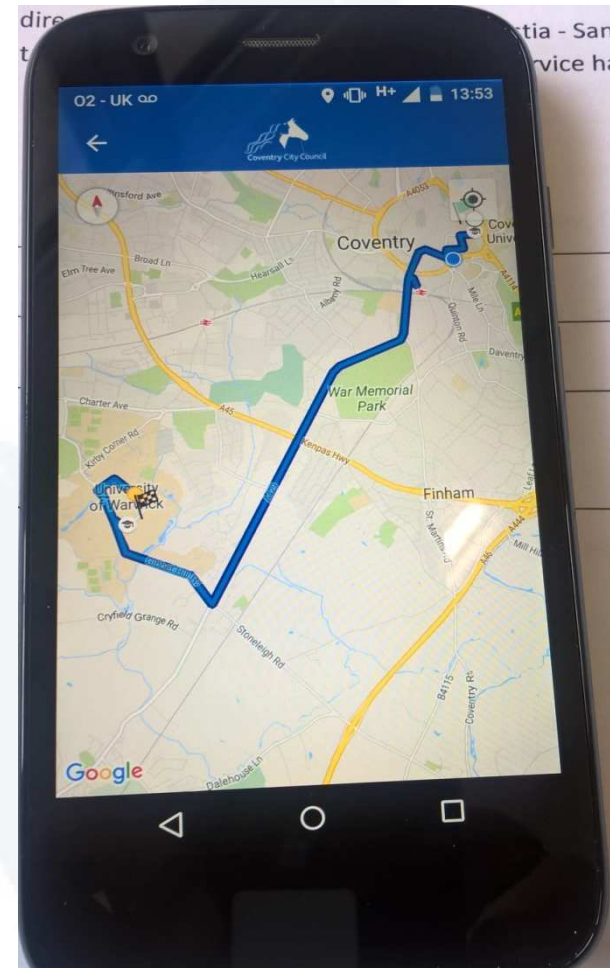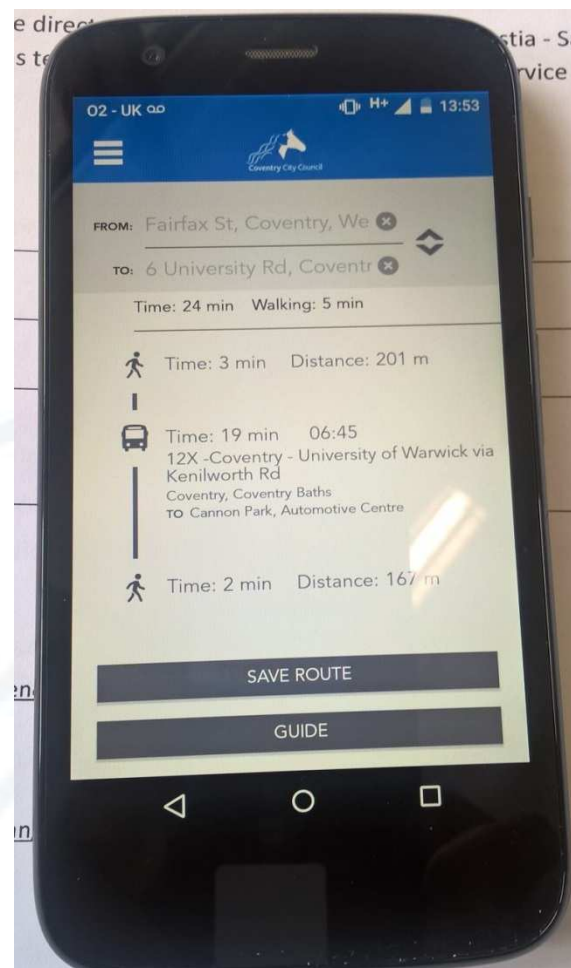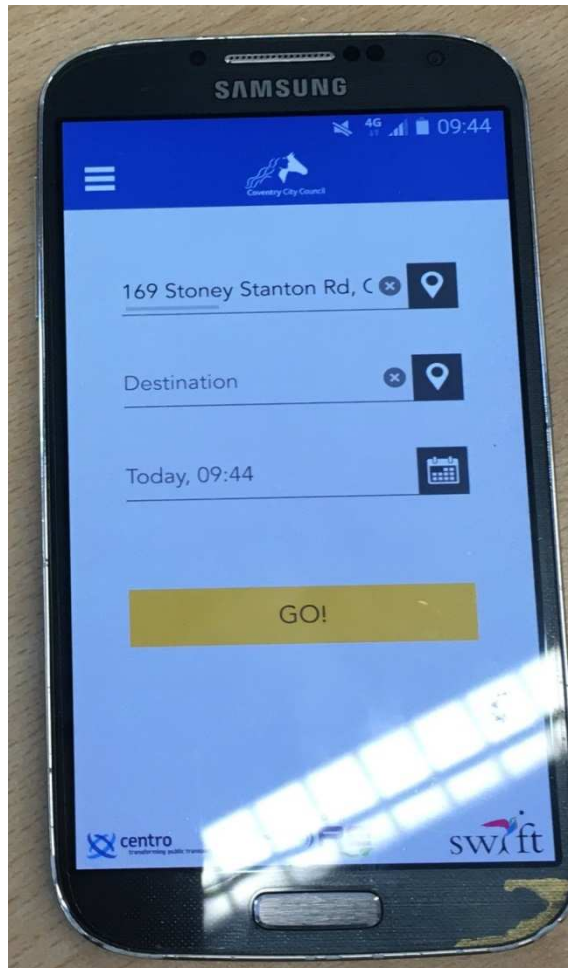 assist-Mi - Coventry City Centre - Accessibility Pilot

- **Multi Modal Transport and Ticketing**

Funded by EU FP7

- Jun 14 – Feb 17
- App will advise you of the routes available for your chosen journey on Public Transport
- You will be able to pay for the journey using the app.
- The App will be linked to the Traffic Control System

- Outputs:
- Increase reliability
- Encouraging use of Public Transport
- Link to SWIFT card making Payment for Journeys easier

Innovation in Traffic Management

Journey Planner Interfaces

Tourist Planner Interfaces

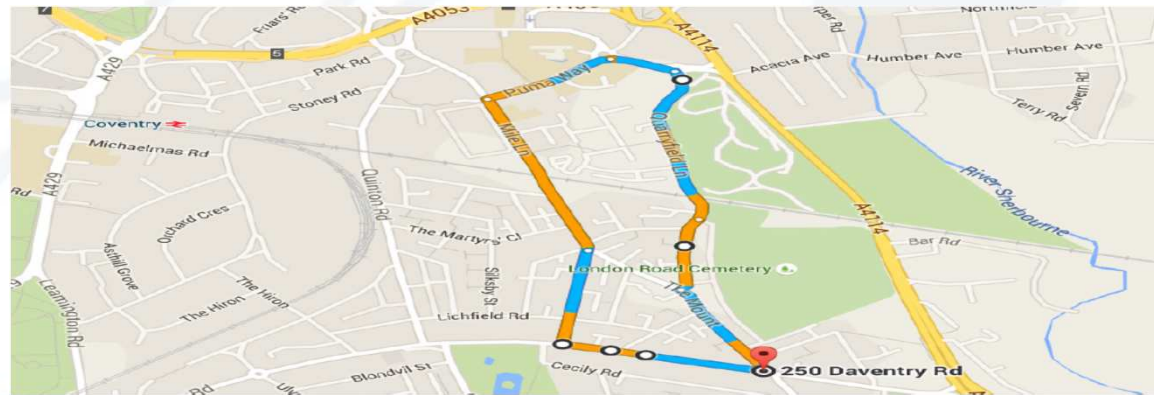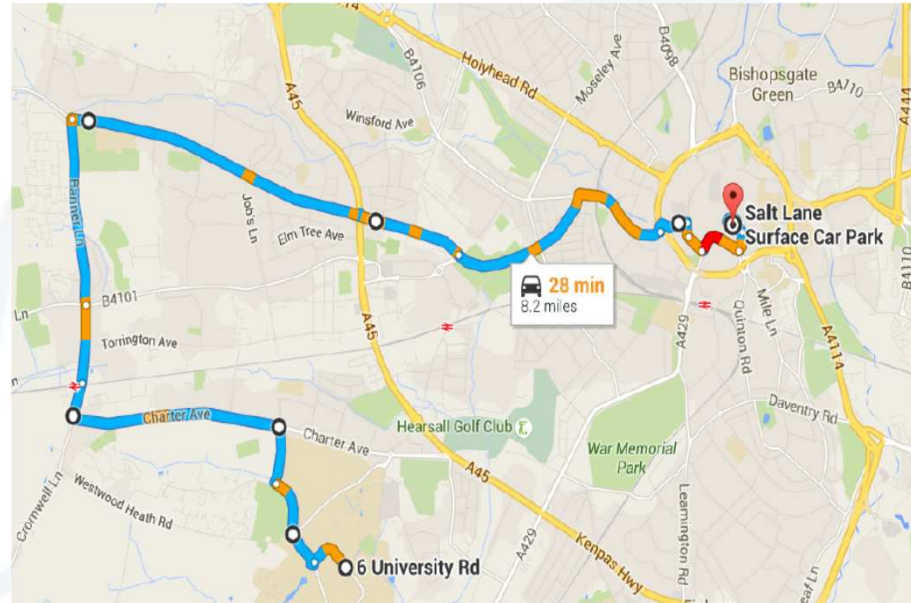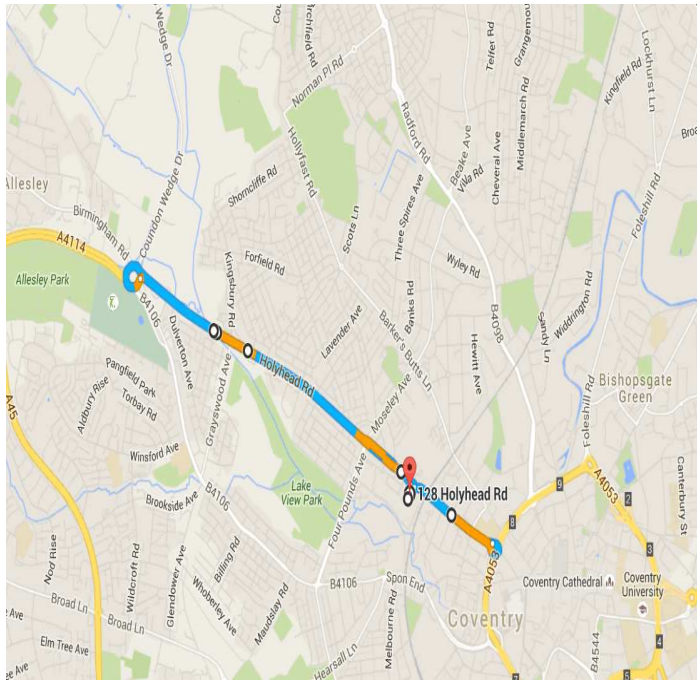
Innovation in Traffic Management

UKAutodrive

The project is part-funded by

Innovate UK
Technology Strategy Board

Driverless Cars

- Nov 15 – Nov 2018
- Using information transmitted from road side equipment - the vehicle will then determine how to proceed.
- Initial off road track testing.
- Road trials to begin 2017.

Coventry City Council

Proposed Urban Routes

Vehicle to Signal's and Vehicle to Vehicle Communication

- Jun 16 - Dec 18
- Involves equipping over 40 miles of A-roads / Smart Motorways.
- Include trials on urban routes similar to UK Autodrive.

- Outputs of both UK CITE / UK Autodrive include:

- Reduce congestion, improve air quality and improve customer journey to Coventry.
- To create the most advanced testing environment for future development.
- UK CITE will also develop an in-vehicle App to replicate variable road messages signs.

# UK CITE Proposed Routes - London Rd / Holyhead Rd
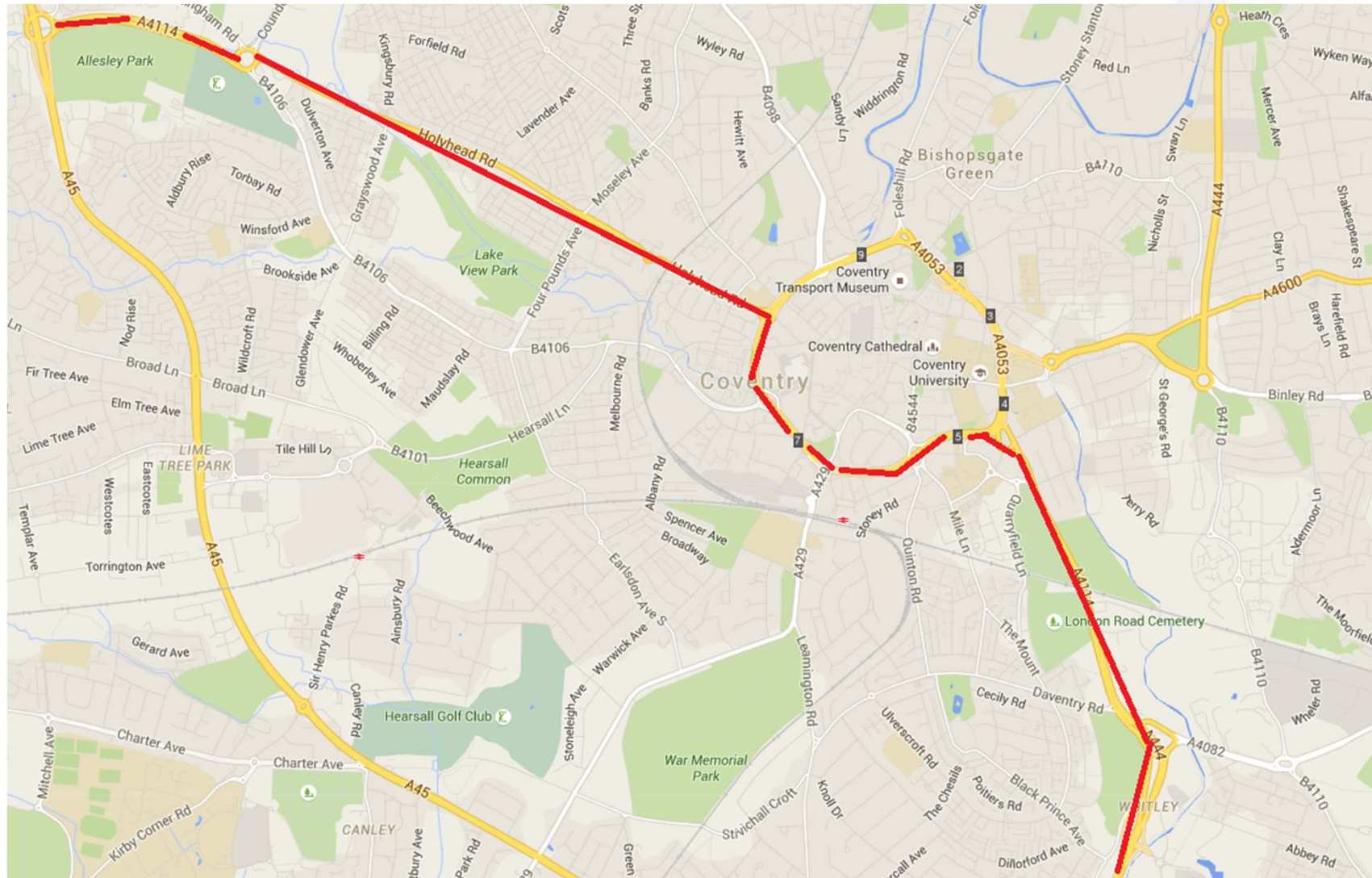
Intelligent Route and Speed Guidance System on Motorways and urban roads

- Apr 16 – Mar 18
- Lead Partner: Coventry / Siemens.
- Links to roadside signalling equipment and extract live UTC data.

Outputs:

- To Influence Driver Choice of Route and Time of Journey to Help Reduce Delays and Congestion.
- To provide a journey planning App which covers strategic urban routes from M69 / M6 to city centre.
- Create a test-bed for Own Equipment Manufacturer's to support automotive industry and the local University's.
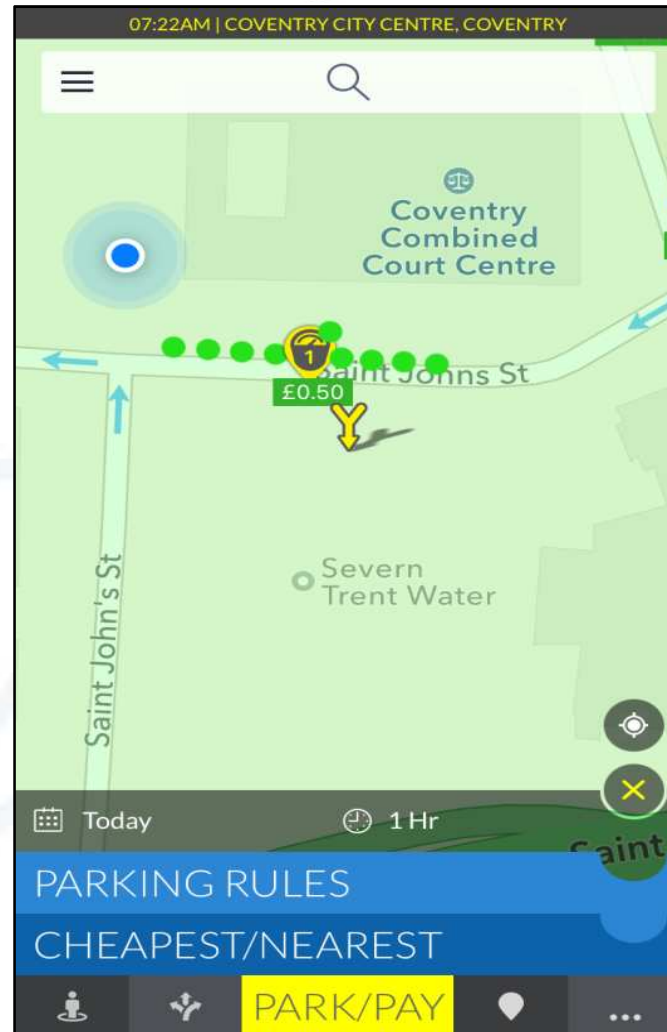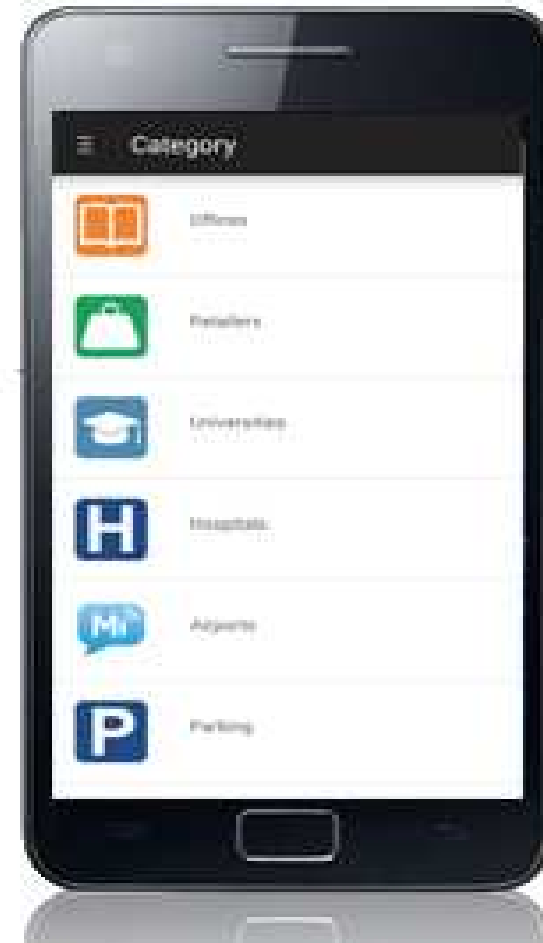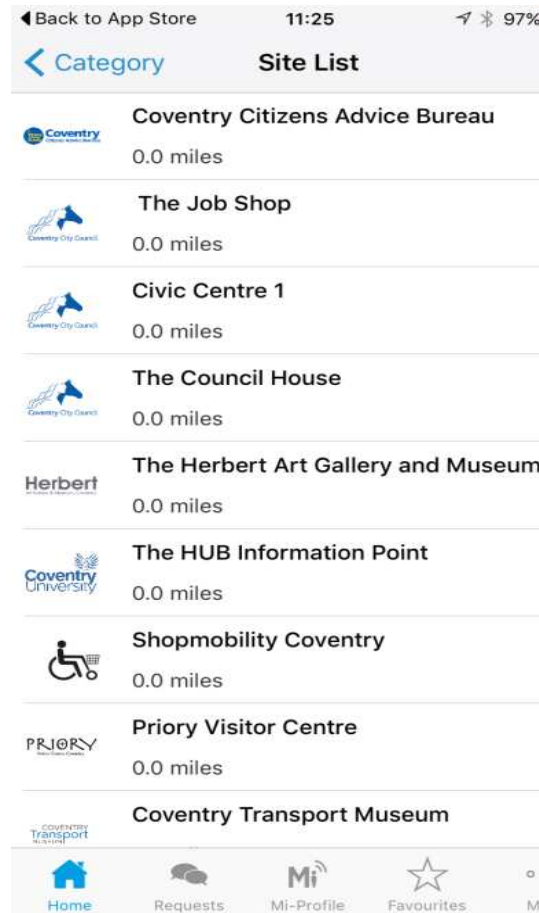
Equipment to be Installed on CCC Network
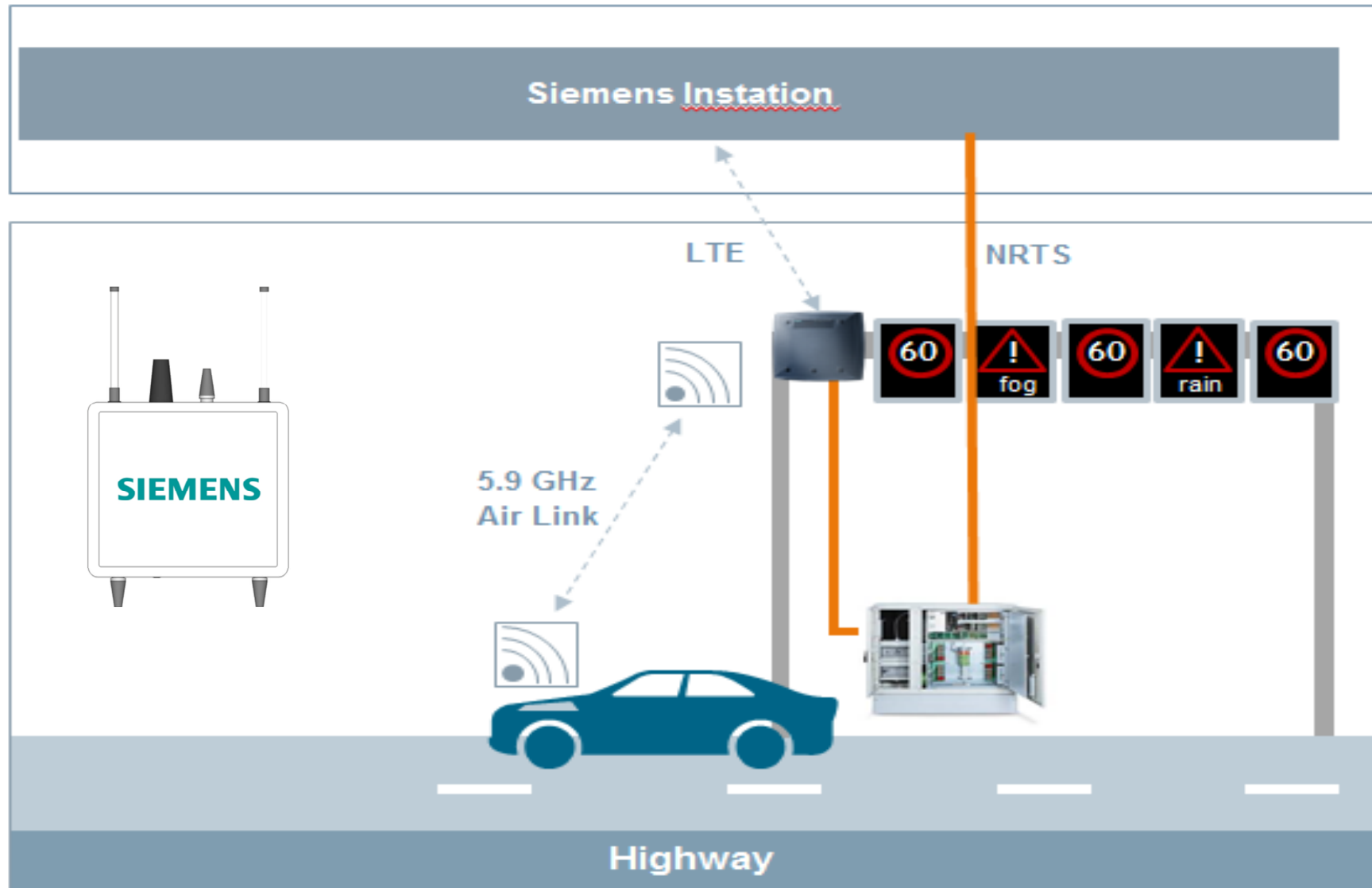
iVMS / Dynamic Routing – Proposed Routes
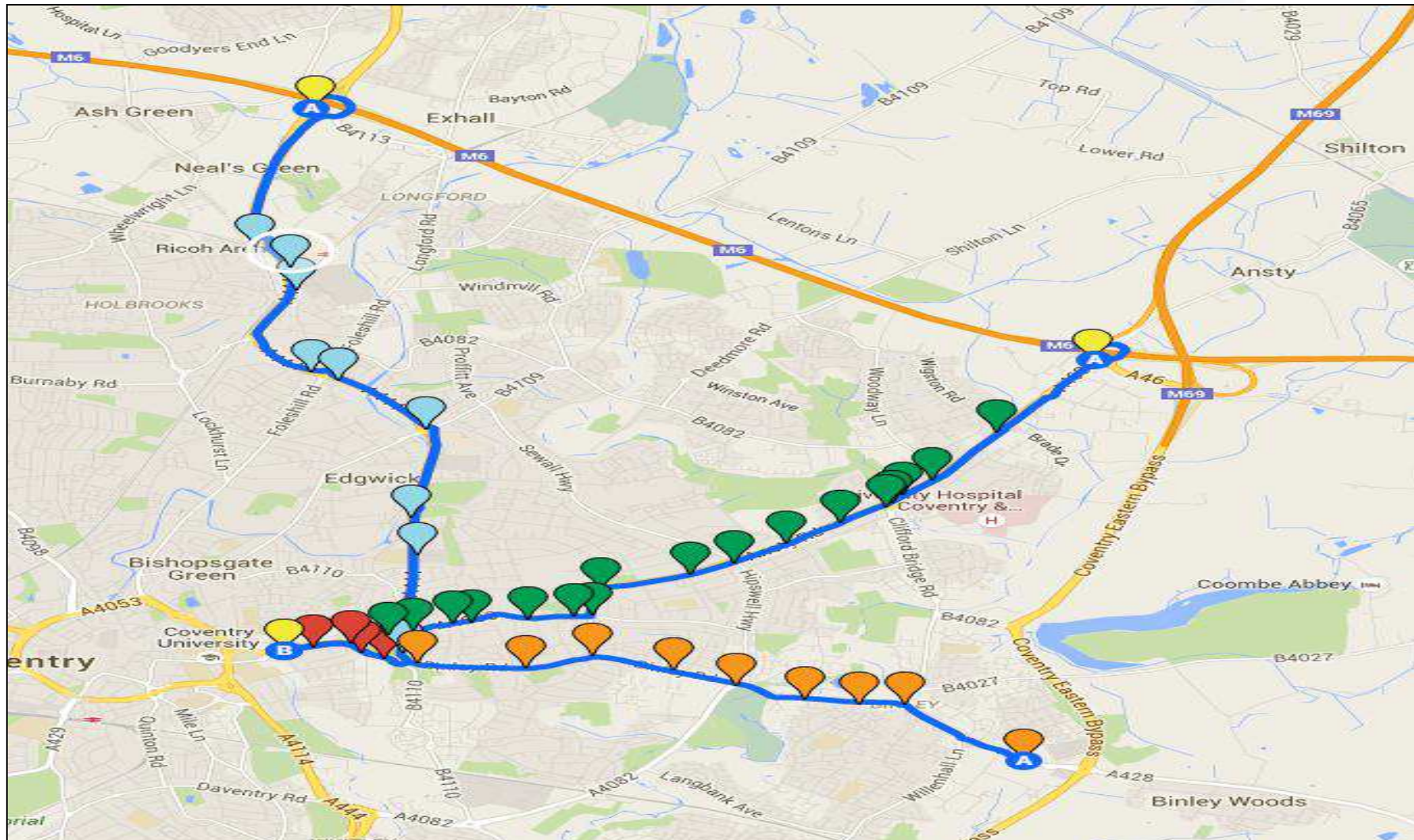
- Guiding the user to available parking spaces.

- Successful trials in St Johns Street, New Union Street, Whitefriars Lane, and Warwick Road.

Innovation in Traffic Management

The assist Mi app will be used to link the projects. Working in partnership with the developers.

Elizabeth Flowers M.A, Dip YW

Innovation in Traffic Management

Thank you.

Any Questions?

Coventry City Council